

**To:** Way, Steven[way.steven@epa.gov]  
**From:** Christner, Jan  
**Sent:** Tue 4/22/2014 7:06:32 PM  
**Subject:** RE: American Tunnel Data

Cadmium, copper, lead, zinc?

And it looks like we are right at the budget max for Red & Bonita. I left Russ a message in case there's more to the latest report than I know.

**From:** Way, Steven [mailto:way.steven@epa.gov]  
**Sent:** Tuesday, April 22, 2014 12:59 PM  
**To:** Christner, Jan  
**Subject:** FW: American Tunnel Data

Jan, as discussed regarding the analysis of change in loading sources as a function of plugging the Am Tnl. This has relevance to the R n B site.

Currently adits the flow include: Mogul mine, Red and Bonita, Gold King 7 level, and the American Tunnel.

I would like to compare the loading associated with the Am Tnl before plugging with the current (09 – 2012) period loads from the 4 adits and Cement Creek. The question of diffuse flow to CC is the more difficult. However, the USGS study we did in Oct 12 is available, and I will check to see when the previous tracer study was done by USGS – i.e., before plugging the Am Tnl.

Steve

**From:** Sorrenson - DNR, Allen [mailto:allen.sorenson@state.co.us]  
**Sent:** Monday, April 21, 2014 2:50 PM  
**To:** Way, Steven  
**Subject:** American Tunnel Data

Steve, starting on page 11 of the attached document is pre-bulkhead water quality data for the American Tunnel untreated discharge. -Allen

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